

1/13

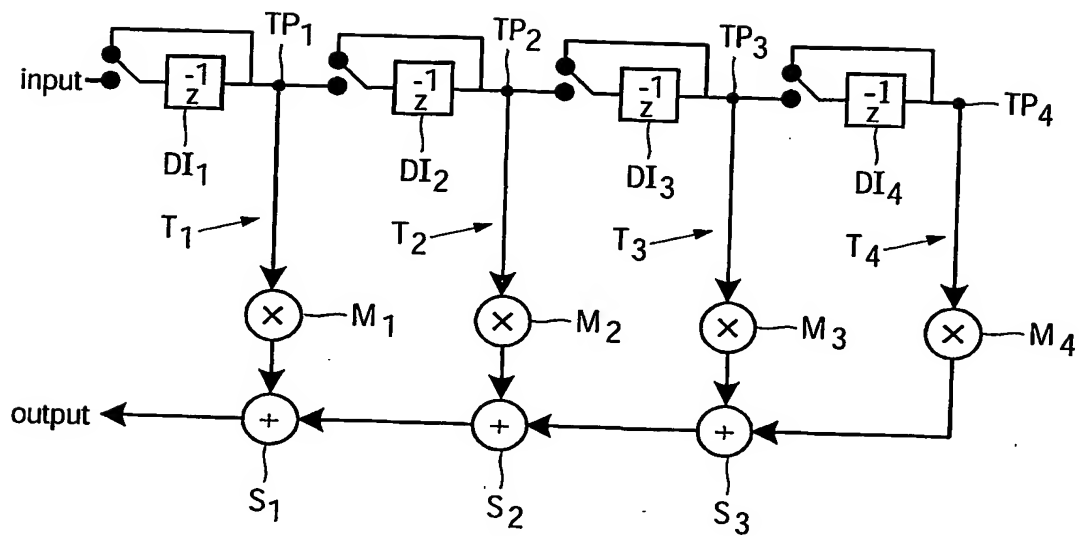


FIG. 1

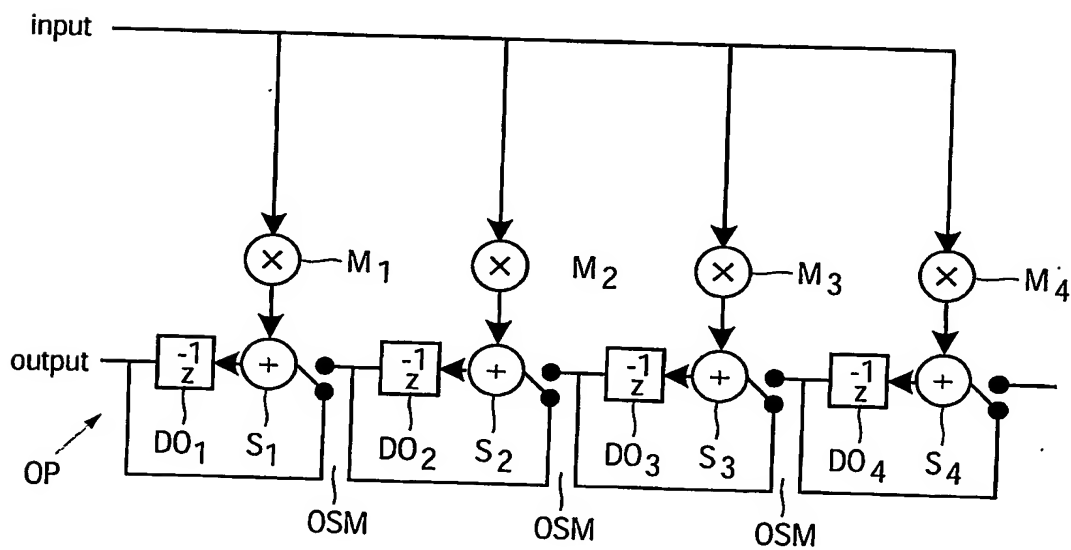


FIG. 2

BEST AVAILABLE COPY

2/13

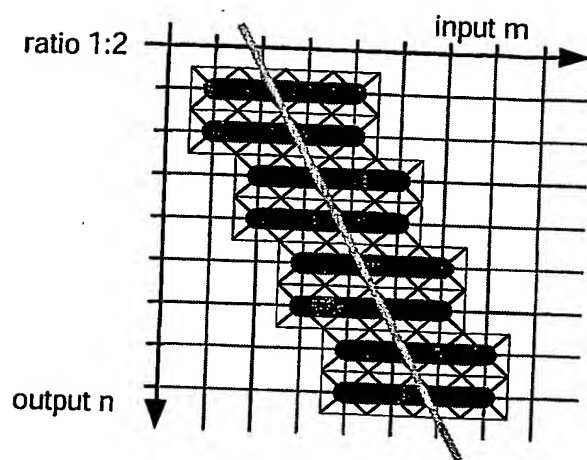


FIG. 3A

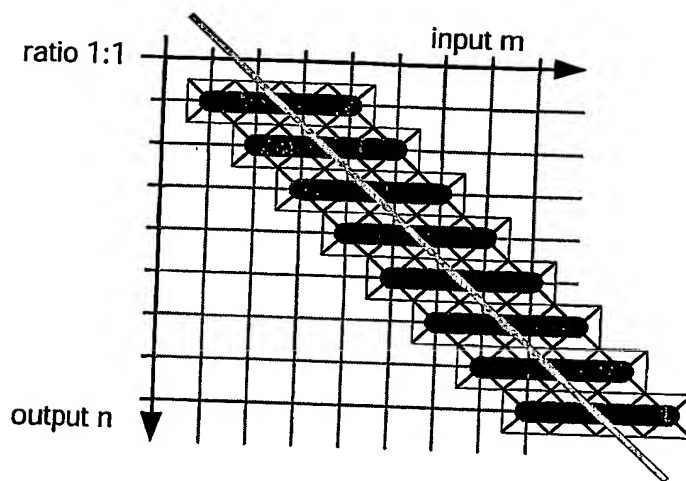


FIG. 3B

3/13

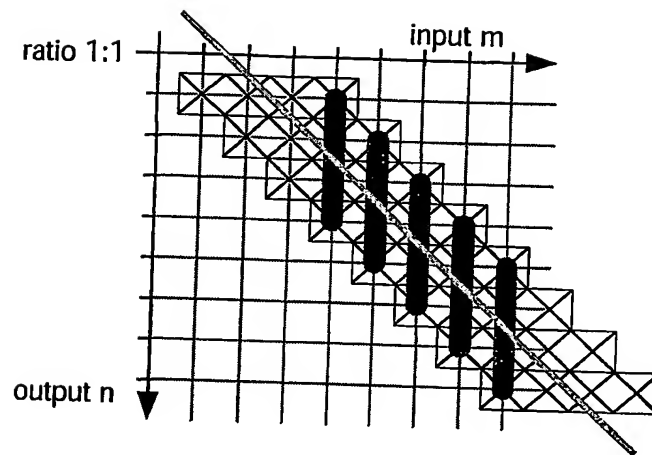


FIG. 4A

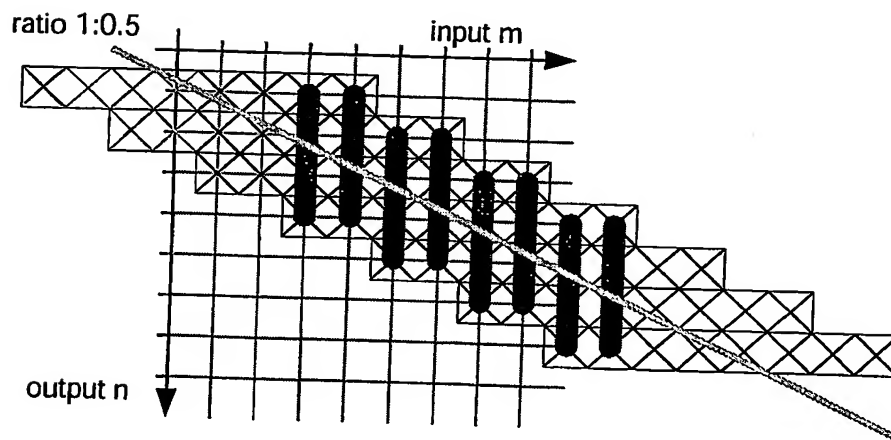


FIG. 4B

4/13

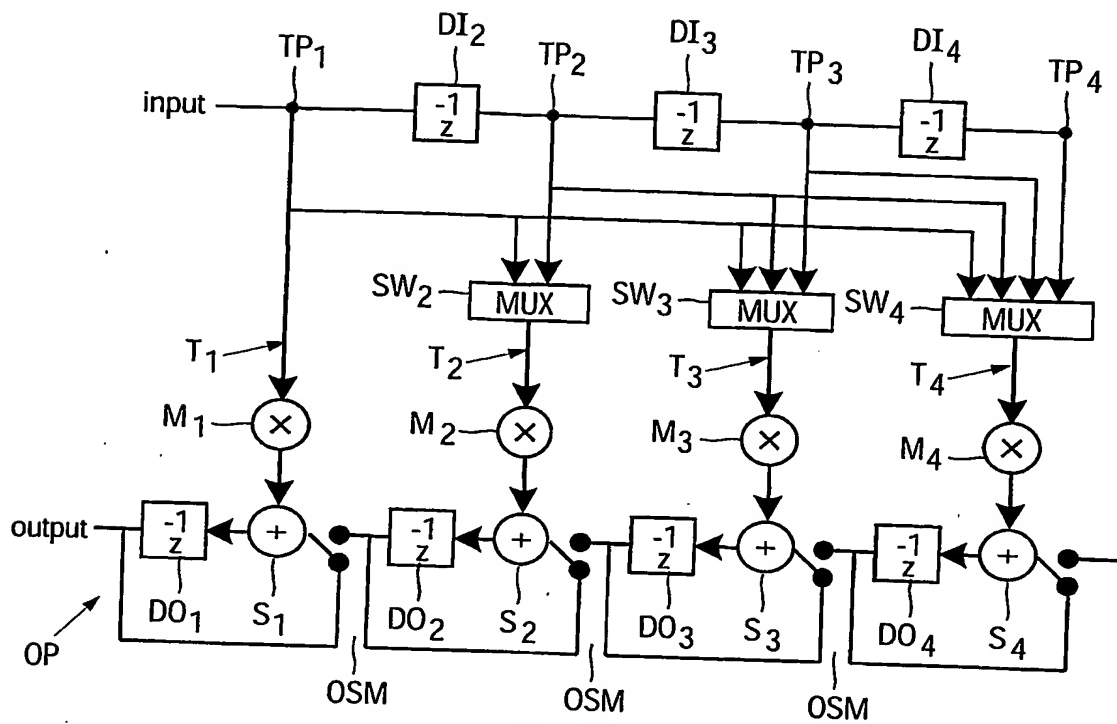


FIG. 5

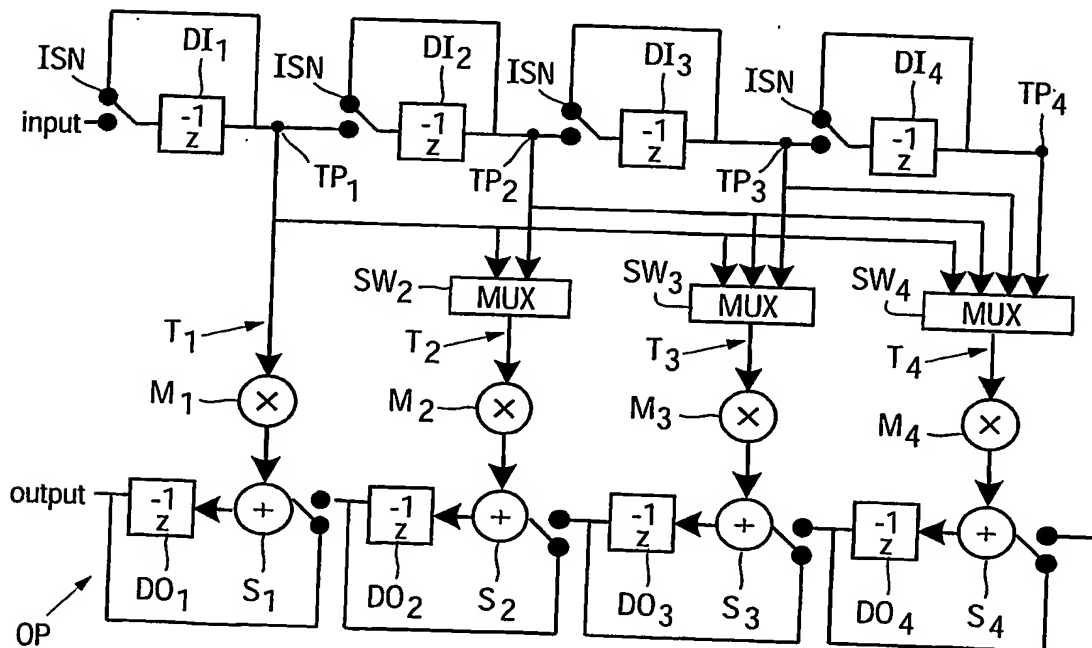


FIG. 6

5/13

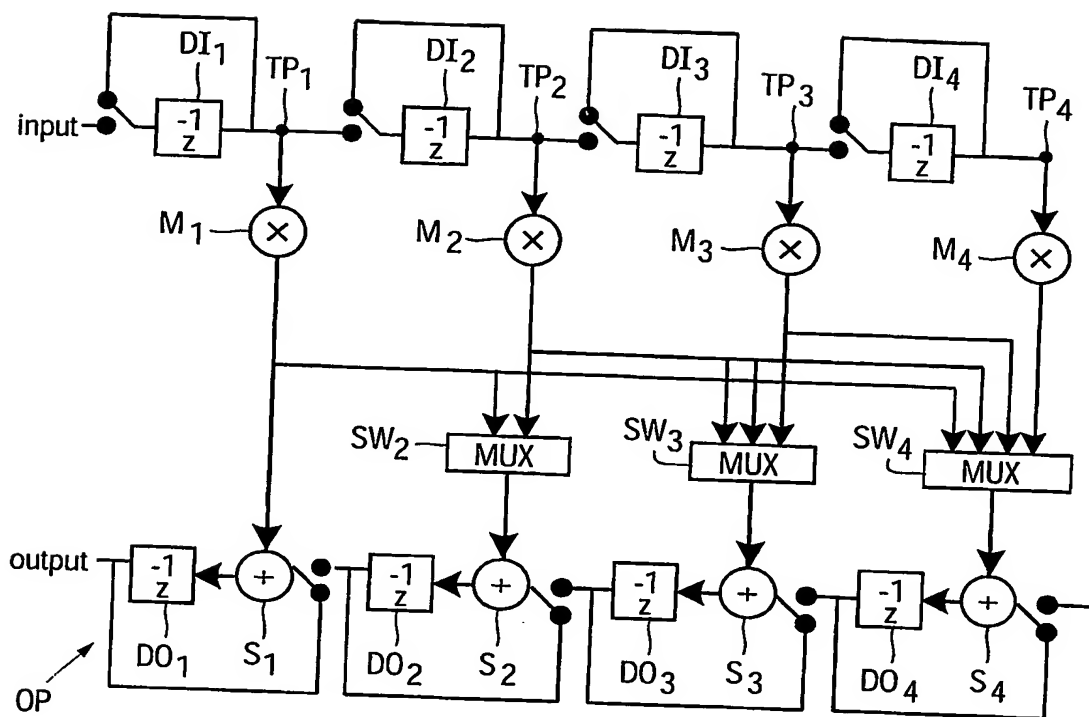


FIG. 7

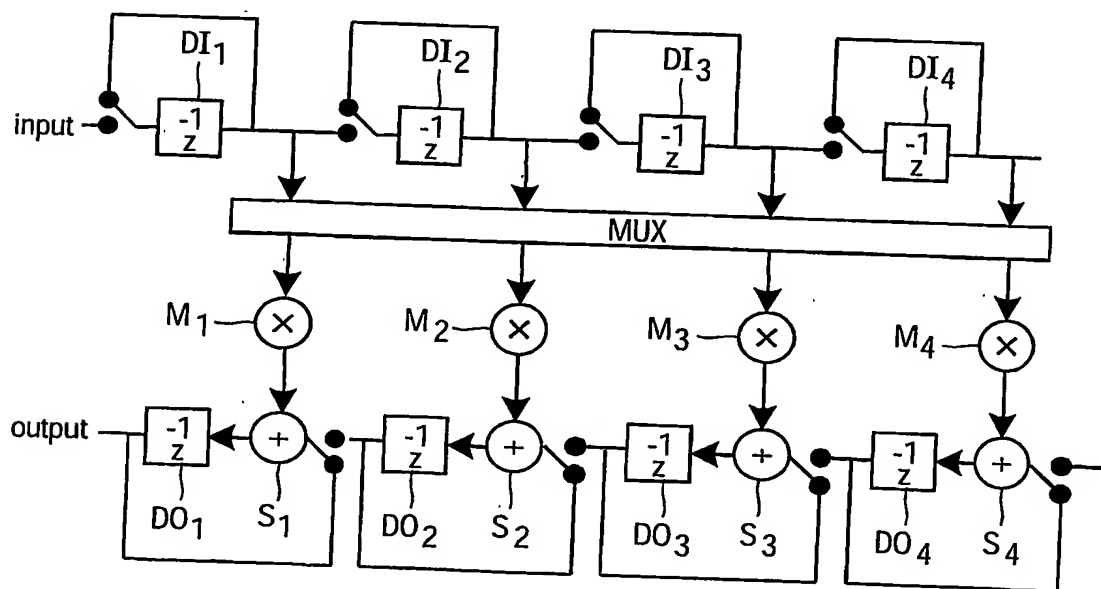
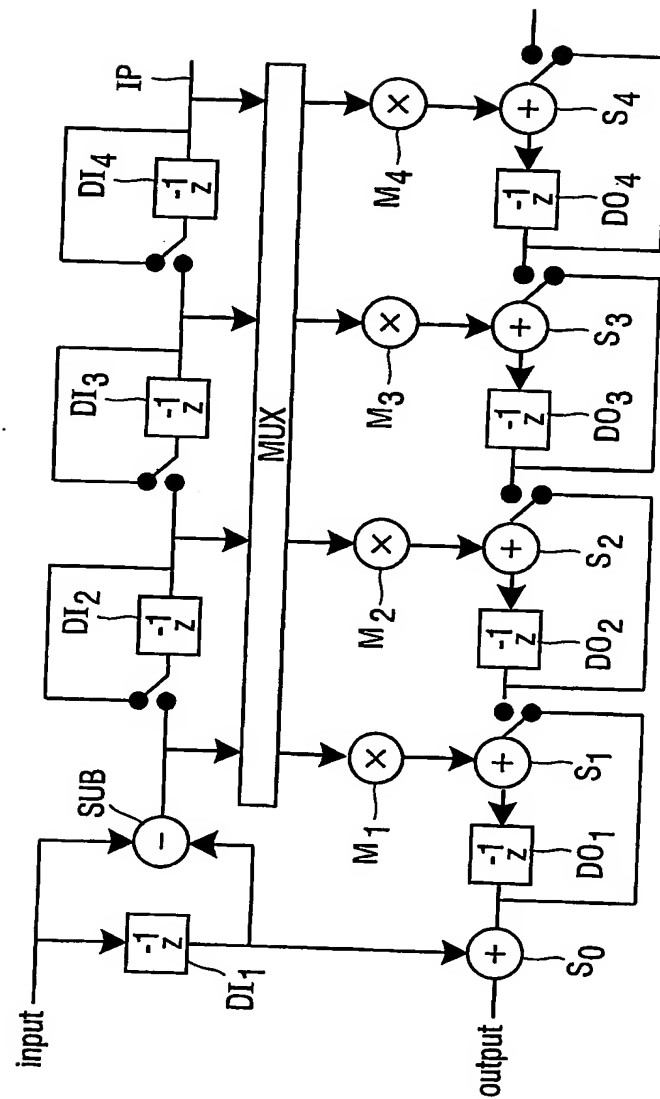


FIG. 8

6/13



**FIG. 9**

7/13

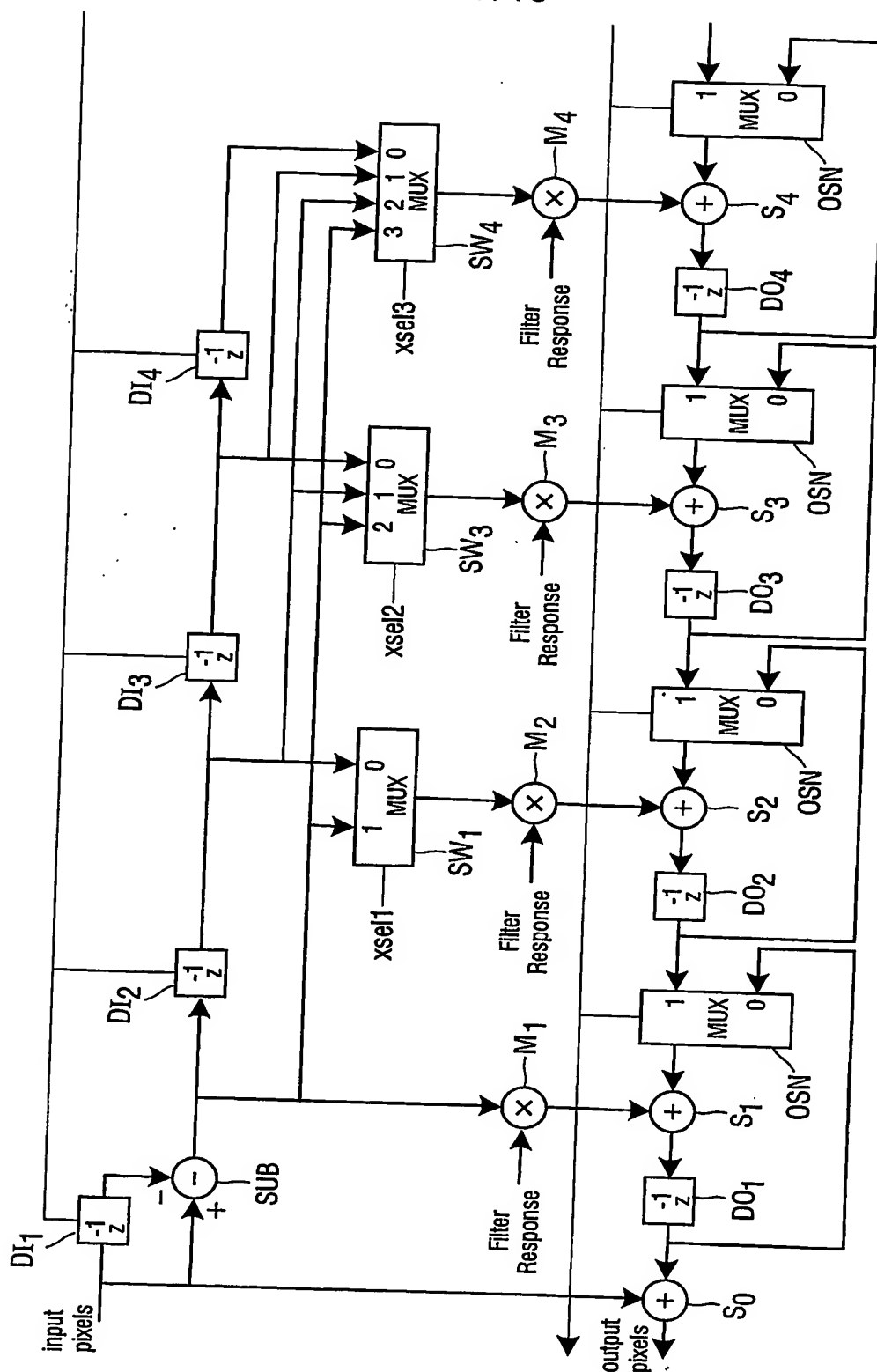


FIG. 10

8/13

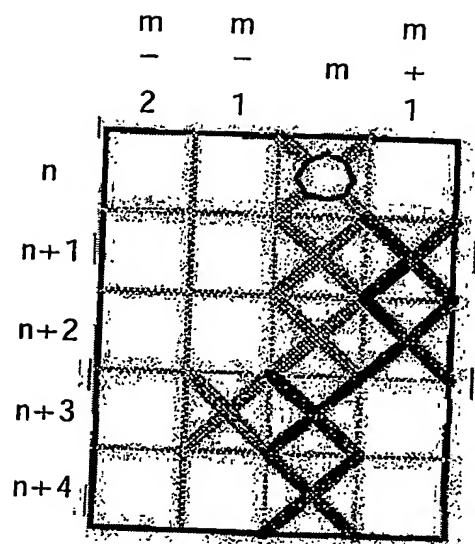


FIG.11

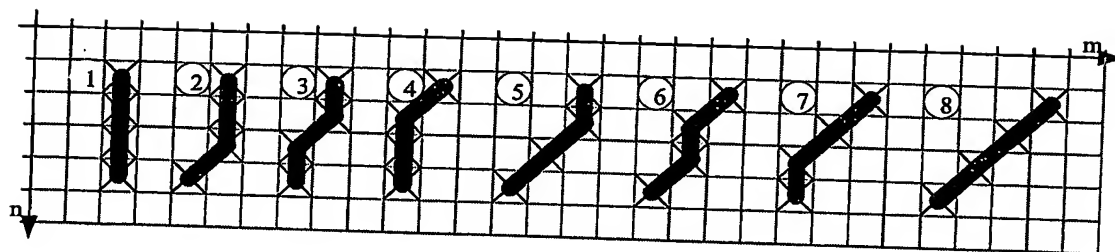


FIG.12



9/13

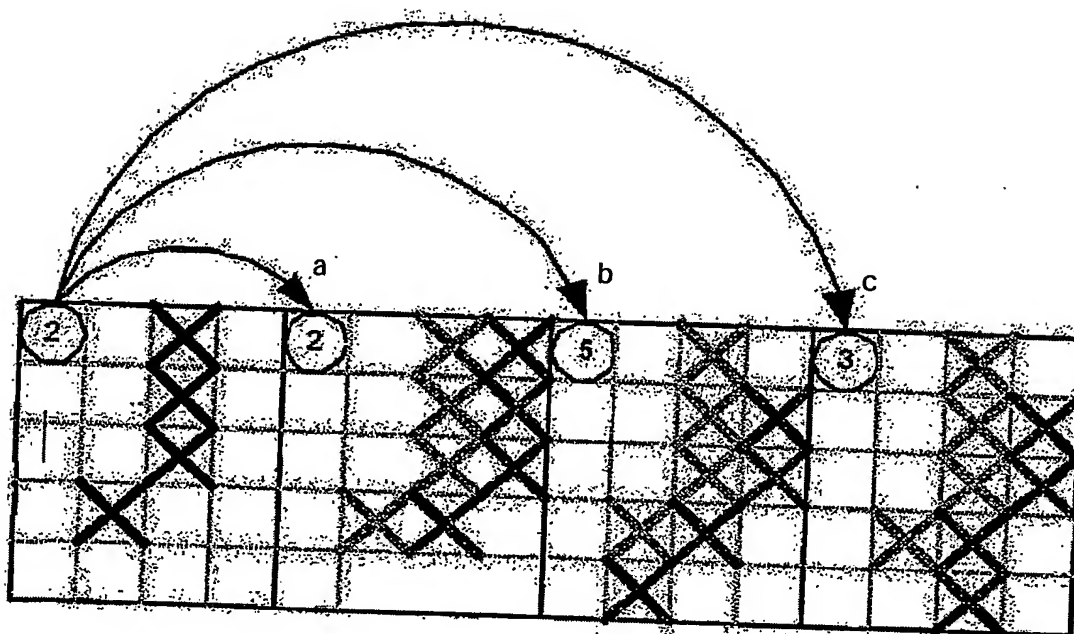


FIG.13

10/13

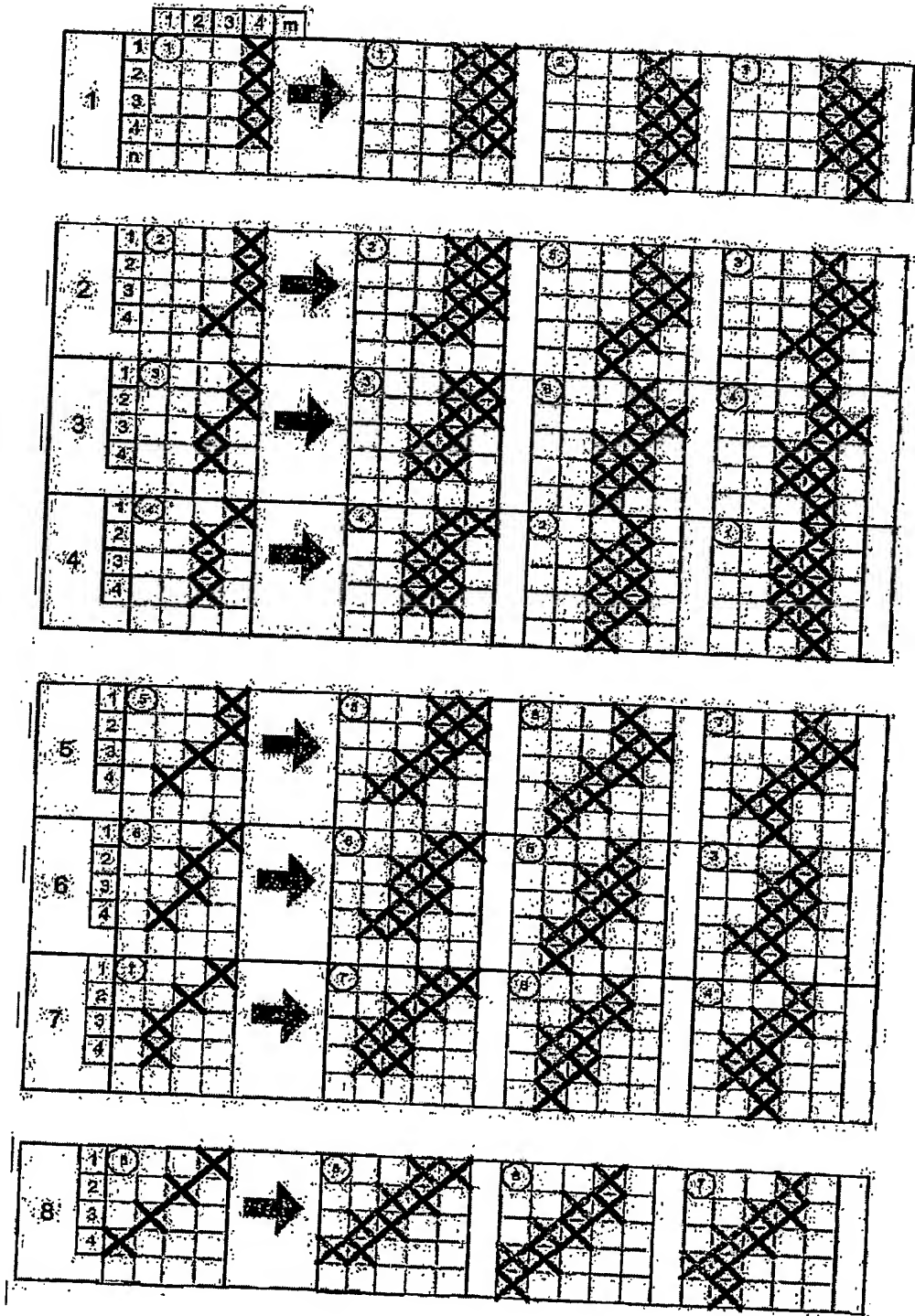


FIG. 14

11/13

present state	1	transition condition	1	state output	1	2	3	4	5
transition	a	$m < mhigh[n]-1$	1	xse1	xse2	xse3	len	o_en	
	b	$m \geq mlow[n+4]$	2	1	2	3	1	0	
	c	$m \leq mlow[n+4]$	3	1	2	2	1	1	
			4	1	2	3	1	1	

present state	2	transition condition	2	state output	2	3	4	5	6
transition	a	$m < mhigh[n]-1$	2	xse1	xse2	xse3	len	o_en	
	b	$m \geq mlow[n+4]+1$	3	1	1	1	1	1	0
	c	$m < mlow[n+4]+1$	3	1	1	2	1	1	1

present state	3	transition condition	3	state output	3	4	5	6	7
transition	a	$m \leq mhigh[n]-1$	3	xse1	xse2	xse3	len	o_en	
	b	$m \geq mlow[n+4]+1$	4	0	1	1	1	1	0
	c	$m \leq mlow[n+4]+1$	4	0	1	2	1	1	1

present state	4	transition condition	4	state output	4	5	6	7	8
transition	a	$m < mhigh[n]-1$	4	xse1	xse2	xse3	len	o_en	
	b	$m \geq mlow[n+4]+1$	5	0	1	2	1	0	
	c	$m < mlow[n+4]+1$	5	1	2	2	0	1	
			6	1	2	3	0	1	

present state	5	transition condition	5	state output	5	6	7	8	9
transition	a	$m < mhigh[n]-1$	5	xse1	xse2	xse3	len	o_en	
	b	$m \geq mlow[n+4]+2$	6	1	1	1	1	0	
	c	$m \leq mlow[n+4]+2$	6	0	0	0	1	1	
			7	0	0	1	1	1	

present state	6	transition condition	6	state output	6	7	8	9	10
transition	a	$m < mhigh[n]-1$	6	xse1	xse2	xse3	len	o_en	
	b	$m \geq mlow[n+4]+2$	7	0	1	1	1	0	
	c	$m \leq mlow[n+4]+2$	7	1	1	1	0	1	
			8	1	1	2	0	1	

present state	7	transition condition	7	state output	7	8	9	10	11
transition	a	$m < mhigh[n]-1$	7	xse1	xse2	xse3	len	o_en	
	b	$m \geq mlow[n+4]+2$	8	0	0	1	1	0	
	c	$m \leq mlow[n+4]+2$	8	0	1	1	0	1	
			9	0	1	2	0	1	

present state	8	transition condition	8	state output	8	9	10	11	12
transition	a	$m < mhigh[n]-1$	8	xse1	xse2	xse3	len	o_en	
	b	$m \geq mlow[n+4]+3$	9	0	0	0	1	0	
	c	$m < mlow[n+4]+3$	9	0	0	0	0	1	
			10	0	0	1	0	1	

FIG.15

12/13

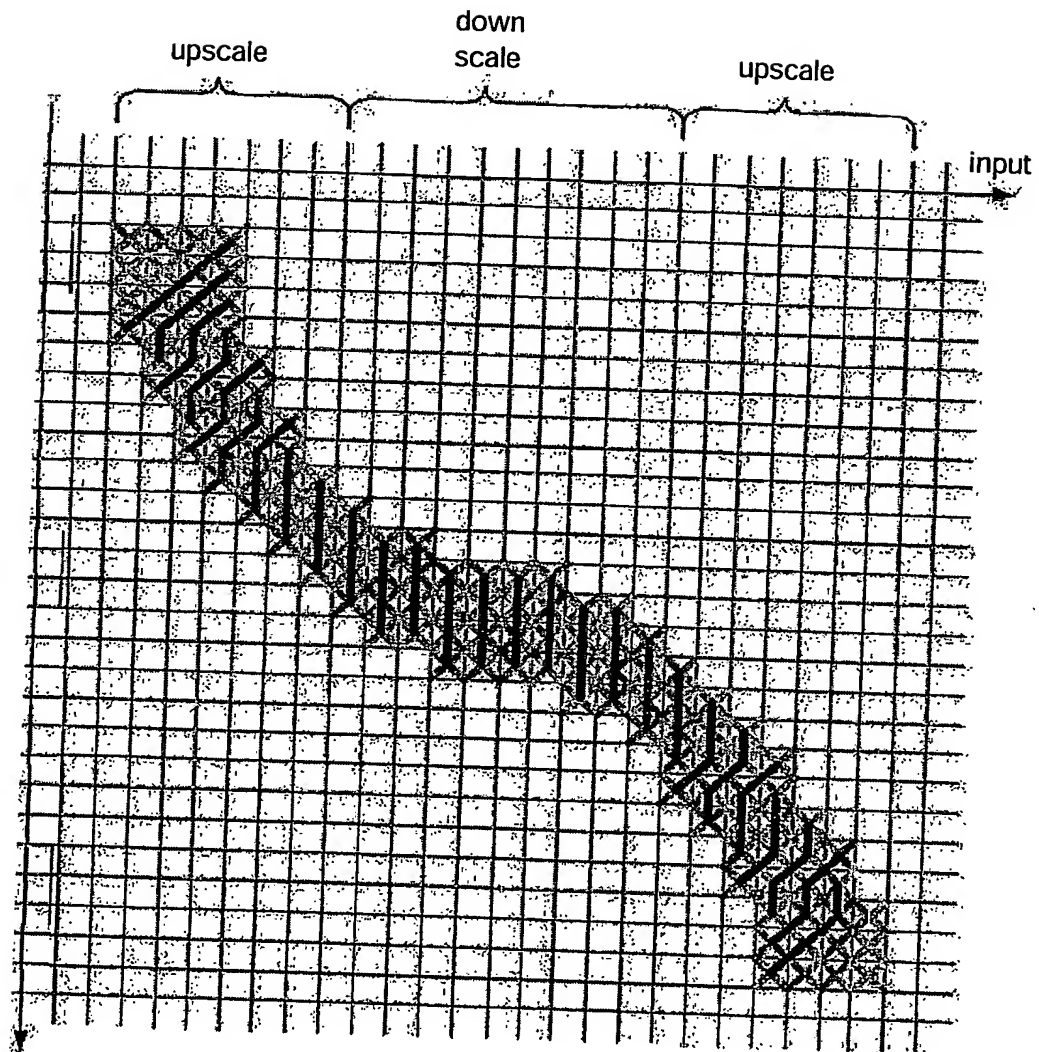


FIG.16

13/13

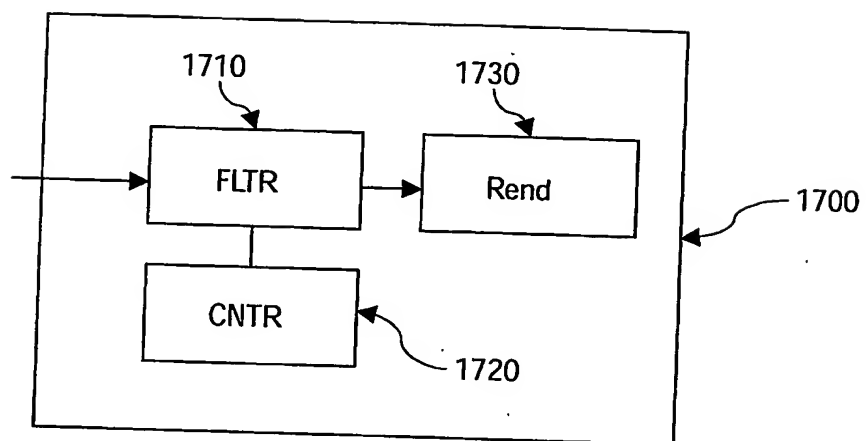


FIG.17

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**